

HIGH RISK REPORT CPI CARD GROUP INC.

January 4, 2019



CreditRiskMonitor's assessment of CPI Card Group Inc.'s ("CPI") "high risk" status has been determined by a combination of factors:

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MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score has CPI Card Group Inc. (NASDAQ: PMTS) at a 1, the highest probability of bankruptcy in the next 12 months.

Business Name	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019
Dusiliess Name	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
CPI Card Group Inc	1	1	1	1	1	1	1	1	1	1	1	1	1

The FRISK® score is 96% accurate* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.

All FRISK® scores are recalculated every night for each subsequent 12-month period.

	EDICK® PI	robability of bankru	ptcy within 12 months
	IKISK	From	То
Best	10	0.00%	0.12%
	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

^{*} FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility

Financial ratios, including those used in the Altman Z"-Score Model Bond agency ratings from Moody's, Fitch, DBRS, & Morningstar

Crowdsourced CreditRiskMonitor Usage Data

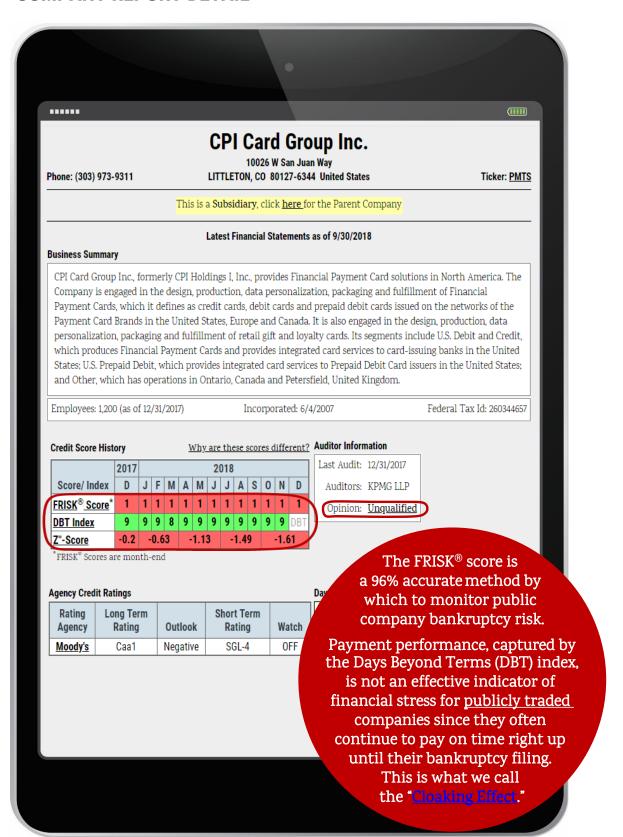
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

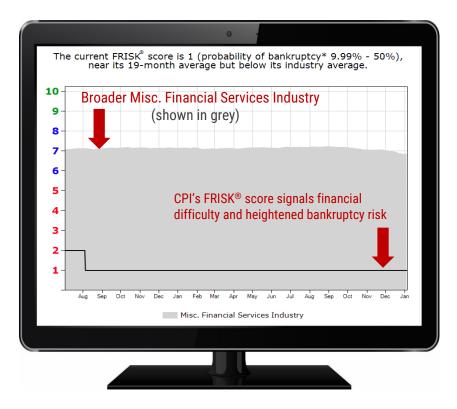
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

COMPANY REPORT DETAIL



FRISK® DEEP DIVE



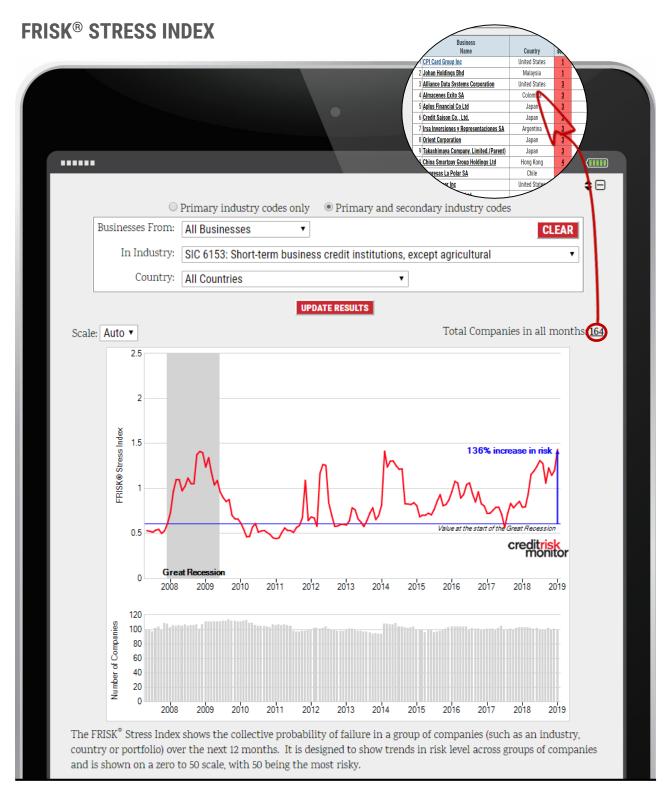
The FRISK® score relative to the broader Misc. Financial Services industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

ADJUSTED MARKET CAP VOLATILITY

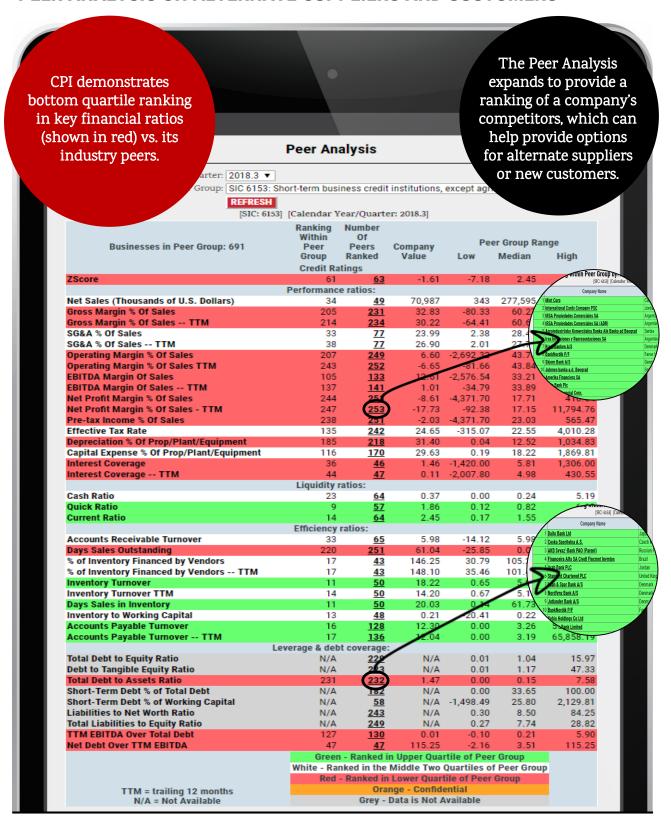


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.



The average probability of failure for SIC code 6153 (Short-term business credit institutions, except agricultural) has increased 136% since 2007. CPI is among the weakest names in the industry as evidenced by its FRISK® score of 1.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



QUARTERLY PERFORMANCE RATIOS

Net losses in each of the last five fiscal quarters

Poor interest coverage ratio & negative free cash flow

Performance Ratios - Sequential Quarters

3 mos 3 mos 3 mos 3 mos 3 mos 3 mos 12/31/2017 Net Sales \$ \$70,987 \$61,454 \$54,857 \$64,964 % change 15.51% 12.03% -15.56% 6.50% Gross Margin \$ \$23,308 \$19,875 \$14,427 \$18,635	2
Net Sales \$ \$70,987 \$61,454 \$54,857 \$64,964 % change 15.51% 12.03% -15.56% 6.50%	3 mos
% change 15.51% 12.03% -15.56% 6.50%	9/30/2017
Gross Margin \$ \$23,308 \$19,875 \$14.427 \$18.635	11.24%
	\$19,444
% change 17.27% 37.76% -22.58% -4.16%	16.67%
% of sales 32.83% 32.34% 26.30% 28.69%	31.88%
change as % of incremental sales 36.01% 82.58% n/m -20.39%	
SG&A \$ \$17,033 \$15,756 \$15,328 \$19,739	\$14,541
% change 8.10% 2.79% -22.35% 35.75%	1.66%
% of sales 23.99% 25.64% 27.94% 30.38%	23.84%
change as % of incremental sales 13.40% 6.49% n/m 131.03%	3.85%
Operating margin \$ \$4,687 \$2,654 (\$2,363) (\$21,759)	\$3,370
% change 76.60% 212.31% 89.14% -745.67%	367.41%
% of sales 6.60% 4.32% -4.31% -33.49%	5.52%
change as % of incremental sales 21.33% 76.05% n/m -633.45%	43.00%
EBITDA \$ \$8,952 \$7,308 \$2,866 (\$16,588)	\$7,547
% change 22.50% 154.99% 117.28% -319.80%	55.22%
% of sales 12.61% 11.89% 5.22% -25.53%	12.37%
change as % of incremental sales 17.25% 67.33% n/m -608.39%	43.58%
EBIT \$ \$4,695 \$2,657 (\$2,359) (\$21,760)	\$3,375
% change 76.70% 212.63% 89.16% -744.74%	365.52%
% of sales 6.61% 4.32% -4.30% -33.50%	5.53%
change as % of incremental sales 21.38% 76.03% n/m -633.60%	43.01%
Pre-tax income \$ (\$1,440) (\$3,395) (\$7,663) (\$27,086)	(\$1,581)
% change 57.58% 55.70% 71.71% -1,613.22%	63.12%
% of sales -2.03% -5.52% -13.97% -41.69%	-2.59%
change as % of incremental sales 20.51% 64.70% n/m -642.93%	43.92%
Net income (loss) \$ (\$6,115) (\$16,709) (\$7,292) (\$14,607)	(\$735)
% change 63.40% -129.14% 50.08% -1,887.35%	65.99%
	-1.21%
% of sales -8.61% -27.19% -13.29% -22.48%	23.15%
change as % of incremental sales 111.13% -142.75% n/m -349.68%	
	(\$783)
change as % of incremental sales 111.13% -142.75% n/m -349.68%	**
change as % of incremental sales 111.13% -142.75% n/m -349.68% Tax expense \$ (\$355) (\$2,593) (\$1,985) (\$5,422)	49.53%
change as % of incremental sales 111.13% -142.75% n/m -349.68% Tax expense \$ (\$355) (\$2,593) (\$1,985) (\$5,422) Effective tax rate 24.65% 76.38% 25.90% 20.02%	49.53% \$3,000
change as % of incremental sales 111.13% -142.75% n/m -349.68% Tax expense \$ (\$355) (\$2,593) (\$1,985) (\$5,422) Effective tax rate 24.65% 76.38% 25.90% 20.02% Depreciation expense \$ \$3,093 \$3,802 \$4,061 \$3,195	49.53% \$3,000 4.92%
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change as % of incremental sales 111.13% -142.75% n/m -349.68% Tax expense \$ (\$355) (\$2,593) (\$1,985) (\$5,422) Effective tax rate 24.65% 76.38% 25.90% 20.02% Depreciation expense \$ \$3,093 \$3,802 \$4,061 \$3,195 % of sales 4.36% 6.19% 7.40% 4.92% % of capital expenses 105.96% 401.05% 349.78% 127.75% % of PP&E, net (annualized) 31.40% 33.69% 34.31% 26.69% Capital expenditures \$ \$2,919 \$948 \$1,161 \$2,501 % change 207.91% -18.35% -53.58% 28.52% % of PP&E, net (annualized) 29.63% 8.40% 9.81% 20.89% % of working capital (annualized) 23.37% 7.37% 7.75% 16.68% Interest coverage ratio 1.46 1.21 0.52 (3.11) % change 20.53% 131.99% 116.71% -318.88% Free cash flow \$	49.53% \$3,000 4.92% 154.16% 22.96% \$1,946 83.58% 14.90% 15.14% 1.42 51.16% (\$612)

QUARTERLY LEVERAGE RATIOS

Negative tangible net worth suggests loanable collateral has been exhausted Leverage Ratios - Sequential Quarters (Thousands of U.S. Dollars) Period Ended 3/31/2018 12/31/2017 9/30/2017 9/30/2018 6/30/2018 Total debt \$ \$305,330 \$303,383 \$304,841 \$304,355 \$303,869 0.16% % change 0.16% 0.16% 0.16% 0.16% Stockholders' equity \$ (\$142,339) (\$140,260) (\$119,574) (\$105,585) (\$123,419) % change -1.48% -13.65% -3.22%-13.25% 0.17% Tangible net worth \$ (\$226,090) (\$217,581) (\$221,023) (\$225,175) (\$206,817) 0.49% % change -0.41% -3.49% -5.20% 6.43% Total assets \$ \$207,148 \$215,599 \$228,903 \$234,005 \$251,508 % change -3.92% -5.81% -2.18% -6.96% -1.58% Total debt to assets ratio 1.47 1.41 1.33 1.30 1.21 % change 4.25% 6.34% 2.39% 7.65% 1.77% Tangible assets \$ \$123,397 \$130,684 \$134,741 \$146,762 \$136,070 -3.01% % change 7.86% -2.23% -5.58% -8.19% Total liabilities \$ \$357,093 \$349,487 \$355,859 \$352,322 \$353,579 % change -1.16% -1.79% 1.00% -0.36% -0.98% Total debt to EBITDA ratio (annualized) 8.53 10.43 26.55 10.05 n/a -35.47% % change -18.23% -60.72% n/a n/a 10-0 Source: 10-0 10-0 Total debt to 5/9/2018 8/9/2018 11/8/2017 EBITDA ratio (annualized) signals that CPI's ability to

meet its financial obligations is in jeopardy

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

	Liquidity Rati	os - Sequer		rat	Teak cash io relative to peers
Period Ended	9/30/2018	6/30/2018	3/31/2018	12/31/2017	9/30/2017
Current assets \$	\$84,330	\$90,441	\$84,263	\$102,075	\$84,470
% change	-6.76%	7.33%	-17.45%	20.84%	-1.58%
Current liabilities \$	\$34,454	\$40,377	\$31,397	\$35,039	\$31,532
% change	-14.67%	28.60%	-10.39%	11.12%	-12.19%
Working capital \$	\$49,876	\$50,064	\$52,866	\$67,036	\$52,938
% change	-0.38%	-5.30%	-21.14%	26.63%	6.05%
% of sales (annualized)	17.57%	20.37%	24.09%	25.80%	21.70%
Cash \$	\$12,818	\$17,750	\$20,196	\$23,205	\$14,815
% change	-27.79%	-12.11%	-12.97%	56.63%	-17.38%
Cash ratio	0.37	0.44	0.64	0.66	0.47
% change	-15.38%	-31.65%	-2.88%	40.97%	-5.91%
Quick assets \$	\$64,191	\$61,351	\$62,473	\$55,736	\$57,527
% change	4.63%	-1.80%	12.09%	-3.11%	4.22%
Quick ratio	1.86	1.52	1.99	1.59	1.82
% change	22.61%	-23.64%	25.09%	-12.81%	18.68%
Current ratio	2.45	2.24	2.68	2.91	2.68
% change	9.27%	-16.54%	-7.87%	8.75%	12.08%
Source:	10-Q 11/7/2018	10-Q 8/9/2018	10-Q 5/9/2018	10-Q 8/9/2018	10-Q 11/8/2017

Unable to generate							
ny positive returns	Rate of Return - Sequential Quarters (Thousands of U.S. Dollars)						
publicated.	3 mos	3 mos	3 mos	3 mos	3 mos		
Period Ended	9/30/2018	6/30/2018	3/31/2018	12/31/2017	9/30/2017		
Return on total assets	-2.89%	-7.52%	-3.15%	-6.02%	-0.29%		
% change	61.52%	-138.63%	47.64%	-1,975.58%	65.30%		
Return on tangible assets	-4.81%	-12.59%	-5.18%	-10.33%	-0.53%		
% change	61.77%	-143.02%	49.84%	-1,833.93%	64.93%		
Source:	10-Q 11/7/2018	10-Q 8/9/2018	10-Q 8/9/2018	10-K 3/13/2018	10-Q 11/7/2018		

YEAR-OVER-YEAR STATEMENT OF CASH FLOWS

Negative cash from operating activities Statement of Cash Flows - Year-over-Year - Standardized - Year to Date (Thousands of U.S. Dollars) 9 mos 9 mos 9 mos 9 mos 9 mos Period Ended 9/30/2017 9/30/2014 9/30/2018 9/30/2016 9/30/2015 Reclassified Reclassified 9/30/2018 9/30/2016 Cash Flows from Operating Activities: \$8,271 Net income (\$30,115)(\$7,403)\$9,413 \$33,157 Depreciation/depletion 14,133 12,842 12,530 11,858 10,631 Deferred taxes (6,169)(863)(445)11,304 0 Non-cash Items 22,004 3,916 5,635 2.559 (1,481)Changes in working capital (4,611)(10.023)14,358 (17,524)(19,158)Total cash from operating activities (4,758)(6,928) 44,430 39,772 2,303 Cash Flows from Investing Activities: Capital expenditures (5,028)(6,289)(12,369)(13,866)(12,676)Other investing cash flow items, total (220)(1,519)5,000 (53,882)Total cash from investing activities (12,369)(66,558)(5,248)(7,808)(8,866)Cash Flows from Financing Activities: Financing cash flow items 0 526 (440)(341)(17,665)Total cash dividends paid 0 (7,537)(5,031)(220,742)Issuance/retirement of stock, net n/a n/a (6,008)(55,992)Issuance/retirement of debt, net (388)261,933 61,892 (9,000)Total cash from financing activities (388)(7,878)(19,513)(32,466)61,452 Foreign exchange effects 7 474 (226)(181)7 Net change in cash (10,387)(22,140)7,664 2,917 (2,796)Net cash-beginning balance 23,205 36,955 13,606 12,941 9,702 Net cash-ending balance \$6,906 \$12,818 \$14,815 \$21,270 \$15,858 **Supplemental Disclosures:** Cash interest paid \$14,703 \$13,719 \$10,718 \$3,772 n/a Cash taxes paid, supplemental \$1,299 \$1,437 \$1,113 \$9,586 n/a Source: 10-0 10-0 10-0 10-0 10-0 11/7/2018 11/7/2018 11/10/2016 11/10/2016 11/23/2015

ABOUT THIS REPORT/CONTACT CREDITRISKMONITOR



CreditRiskMonitor is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 58,000 global public companies.

CreditRiskMonitor's High Risk Reports feature companies that are exhibiting a significantly high level of financial distress, as indicated by our proprietary FRISK® score. The ultimate goal of the High Risk Report series is two-part: provide an early warning for those doing business with an increasingly distressed company and inform of the many signals that should be examined when assessing financial risks.

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Contact us at: 845.230.3000 creditriskmonitor.com/contact-us